

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U. S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|---|---|-----------------------------|------------------|-------------------------------|------------------|
| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | Complete if Known | | | |
| | | Application Number | 09/764,046 | | |
| | | Filing Date | January 17, 2001 | | |
| | | First Named Inventor | Masayuki Atokawa | | |
| | | Art Unit | 2817 | | |
| | | Examiner Name | B. Lee | | |
| Sheet | 1 | of | 1 | Attorney Docket Number | M1071.1244/P1244 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|---|--------------------------------|--|--|
| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| AA | AA | 4,721,932 | 01/26/1988 | West | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|--|--------------------------------|--|--|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| BA | BA | EP-00590612 A1 | 09-28-1993 | Matsushita Electric Indust. | | |
| BB | BB | EP-0865095 A2 | 03-12-1998 | Matsushita Electric Indust. | | |
| BC | BC | EP-0406962 A2 | 07-02-1990 | N.V. Philips' Gloeilampenfabrieken Groenewoudseweg 1 | | |
| BD | BD | EP-0993063 A2 | 10-08-1999 | Murata Manufacturing Co., Ltd. | | |

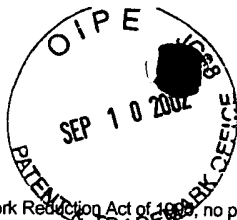
¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | | | |
|---|-----------------------|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| CA | CA | European Search Report dated October 31, 2002 | |

| | | | |
|--------------------|----------------------------------|-----------------|---------------|
| Examiner Signature | BENNY T. LEE PRIMARY EXAMINER | Date Considered | 14 April 2007 |
|--------------------|----------------------------------|-----------------|---------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08A (10-01)

Approved for use through 10/31/2002.OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|---|---|----|--------------------------|------------------------|------------------|
| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | Complete if Known | | |
| | | | Application Number | 09/764,046 | |
| | | | Filing Date | January 17, 2001 | |
| | | | First Named Inventor | Masayuki Atokawa | |
| | | | Art Unit | 2681 | |
| | | | Examiner Name | Not Yet Assigned | |
| Sheet | 1 | of | 1 | Attorney Docket Number | M1071.1244/P1244 |

RECEIVED
SEP 13 2002
Technology Center 2600

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|--------------------------|--|--------------------------------|--|--|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
| <i>m</i> | AA | 5,721,520 | 02-24-1998 | McVeety et al. | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|--------------------------|---|--------------------------------|--|--|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| <i>B</i> | BA | EP-0-694983 | 01-31-1996 | LK-Products OY | | |
| <i>B</i> | BB | JP-11-243304 (w/ Abstract) | 09-07-1999 | Matsushita Electric Ind Co Ltd | | |
| <i>B</i> | BC | JP-10-242710 (w/ Abstract) | 09-11-1998 | Murata Mfg Co Ltd | | |
| <i>A</i> | BD | JP-03-254201 (w/ Abstract) | 11-13-1991 | Fuji Elelctrochem Co Ltd | | |

¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

| OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS | | | |
|---|--------------------------|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | | | |
| <i>B</i> | CA | European Search Report dated August 14, 2002 | |

| | | | |
|-----------------------|----------------------------------|--------------------|---------------|
| Examiner Signature | BENNY T. LEE PRIMARY EXAMINER | Date Considered | 14 April 2002 |
|-----------------------|----------------------------------|--------------------|---------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.